

EXPRESS MAIL CERTIFICATE EV 265 903 946 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: LEARNED, Rachel E.

Group Art Unit:

Serial No.

Examiner:

Filed: HEREIN

Atty. Dkt. No: D4605-US

For: HYBRID TURBO-MUD FOR MULTIPLE ACCESS SYSTEMS

To: Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Fm:

24222

CERTIFICATE OF MAILING 37 CFR 1.10: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as EXPRESS MAIL POST OFFICE TO ADDRESSEE addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA22313-1450.

Date: 07/24/2003

*Debra A. Stengel*  
[ ] Debra A. Stengel or [ ] Scott J. Asmus, Reg. No. 42,269

Commissioner:

LETTER OF TRANSMITTAL

Submitted herewith is a application for United States patent consisting of 1 page Fee Transmittal form PTO/SB/17 to cover filing fee, 1 pages Patent Application Bibliographic Data Sheet, 38 pages of specification and claims, 5 sheets of drawings, 1 pages of declaration and power of attorney.

- [ ] (37 CFR 1.9(f) & 1.27(c)) Small Entity status applies.  
[ ] (35 U.S.C. 122(b)(2)(B)(i)) PTO form PTO/SB/35 re: Publication enclosed  
[X ] (37 CFR 1.84(J)) – Applicant requests FIG. 2 for inclusion on the front page of the patent application publication and patent.  
[ ] PCT application being filed concurrently

The invention was not made by an agency of the United States Government nor under a contract with an agency of the United States Government.

19972 U.S. PRO  
10/626146  
07/24/03  


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Fee calculation table:

Fee calculation is based on 3 independent and 26 total claims

<input checked="" type="checkbox"/> 37CFR1.16(a) Basic filing fee - Utility	\$750.00
<input type="checkbox"/> 37CFR1.16(b) Independent claims in excess of three - <u>  </u> x \$84.00 ea.	
<input checked="" type="checkbox"/> 37CFR1.16(c) Claims in excess of twenty - <u>6</u> x \$18.00 ea.	108.00
<input type="checkbox"/> 37CFR1.21(h) Recordation of Assignment	\$_____
TOTAL DUE:	\$858.00

DEPOSIT ACCOUNT **190130** AUTHORIZATION – The Office is hereby authorized to charge the required fee, and any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.

Respectfully submitted,



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17-966-115  
07/27/00

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 858.00)

## Complete if Known

Application Number	
Filing Date	HEREIN
First Named Inventor	LEARNED, Rachel E.
Examiner Name	
Art Unit	
Attorney Docket No.	D4605-US

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:

Deposit Account Number 190130

Deposit Account Name BAE Systems

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments
- Charge any additional fee(s) during the pendency of this application
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

SUBTOTAL (1) (\$ 750)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity	Small Entity	Fee from below	Fee Paid
Total Claims 26	-20** = 6	X 18	= 108
Independent Claims 3	- 3** = 0	X 84	= 0
Multiple Dependent			

Large Entity	Small Entity	Fee Description
1202	18	2202 9 Claims in excess of 20
1201	84	2201 42 Independent claims in excess of 3
1203	280	2203 140 Multiple dependent claim, if not paid
1204	84	2204 42 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 108)

\*\*or number previously paid, if greater; For Reissues, see above

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type)	Scott J. Asmus	Registration No. (Attorney/Agent)	42,269	Telephone 603-886-6100
Signature		Date	July 24, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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